

The Arabian King of Africa had sent a party of four hundred Berbers with a hundred horses, which had plundered the neighborhood of Algieras and returned without molestation. Encouraged by this success, he sent over the next year a force of 7,000, which landed at Gibraltar, took the town at the base of the rock, and, on the approach of the Visigothic King Roderic, instead of remarking, sent him for reinforcements. These were forwarded in a small number of 5,000. The Visigothic nobles, to whom the King had appealed for their own grievances against him. Moreover, they believed, or affected to believe, that the invaders were mercenary raiders, who would withdraw, as they had done before, as soon as they had exhausted the booty in the neighborhood of the landing place. Although they did not wish to see the country conquered, they did wish to see the King discomfited, and when the battle was imminent, ordered their men not to join in it. As a result, in the battle of July 9, 711, the invaders defeated the small force which really fought them; the King was killed or disappeared, and the leader of the Berbers, encouraged by his easy success, continued to ad-

The story is characteristic of Moorish rule in Spain, and typical of many others that are told there. Machiavellian principles of government were never better understood or more skillfully applied in the sixteenth century by the Christian rulers of Italy than they had been in the ninth by the Mohammedan rulers of Spain. Massacre alternated with assassination, by the knife, by strangulation, by poison, as a political expedient. Nobody except the intended victims was ever made a ground of reproach against the ruler who employed it. And the Moslem domination found victims who could suffer heroically as rulers and conspirators could act fiendishly. The annals of Christian martyrdom have no more affecting story than that of Flora de Gordova, the child of a mixed marriage.

The Senator, whose catalogue earned distinctions in scholarship and affairs exhibits in exalted ranking a careful and correct study of American history as well as institutions, avowedly is not a bookish man, but rather the able and forthright speaker from the platform than the scope and detail of a deliberately worked up volume and gains thereby in the effectiveness of his sharp outline review of near-century's experience—that period of peace with which his treatise concerns itself is more accurately described in negative than in positive terms. The book is not armed combat. The cold fact is the more significant. There have been some perilous moments when war has seemed very imminent." Fortunately it has happened that when the rulers of the two lands have been a loggerheads the feelings of "the silent masses" have been friendly enough to check hotheads in authority; and when the popular passions have been aroused there has been no official cause behind the popular passions. The Senator's consideration and seeing plainly "how by slow steps, with many interruptions and much bitterness on both sides, we have finally attained to the genuine friendship in which all sensible men of both countries rejoice to-day." Senator Lodge seems to tell the noble impulse of friendliness dull slightly the logic of fact. When the germinal articles from which the book is written were written there was tense dissatisfaction in England concerning Washington's attitude toward the matter of Panama Canal tolls; and when those articles were "revised, corrected and much enlarged" it must have become apparent that the hostile sentiment rested upon no foundation of whim or quibble but upon the solidly fact interpretation and application of the terms of an international understanding of undoubted record and authority. Not to magnify mole hills, and relegating the English abstention from participation in the San Francisco exposition to the limbo of interests of less than war spouting potentiality, a symptom not the disease, there is still enough latent chemical force to debate to cause a pretty disastrous explosion and a needless handling. Let not the suspicion of chauvinism attach to this suggestion; here again those "silent masses" are all for peace, at Parliament and Congress are trusted to contrive a satisfactory solution after settlement. The sole intended implication is that not yet are interruptions and bitterness wholly unexpected. Not counsels of false security are to be expected from the Senator. Good relations will last, and we hope the world will always continue to be a more peaceful place, but the ironic fate of nations knows no more of lasting challenge than that of ex-

Robert Fulton is not forgotten; his American estimates of his work have been inaccurate, either patriotic exaggeration or loosely composed, at the hands of foreign critics he has been unfairly judged. He was in the favor of their own countrymen. It is of commonplace observation that great theories and inventions are often achieved almost simultaneously by different minds in only the most tenuous way, any communication, and in and before Fulton's time many engineers were working on the problem, particularly canal construction and operation, and of steam and submarine navigation that occupied Fulton's highly original genius and chained his eager and sustained attention. Mr. Dickinson's preface nicely executed intention to fair "without bias and without prejudice," and the story he tells is delightfully free from bias of any sort. I avoid even the temptation to stand straight as to "lean backward"; he is fair to both sides of the Atlantic. Indeed, as he says, Fulton was practically much the cosmopolitan: "Born a British subject, a British colony, the same time of his life spent in England, the fruition took place in France, the harvest was reaped in his native America." The centenary of the introduction of steam navigation on a commercial basis occurred in this country six years ago (though its celebration was postponed to blend with the observance of the Tudor tercentenary), while in England it had already passed. Fulton's fame as a pioneer does rest upon the time or subject matter of his studies, but upon the date of its practical realization in a business sense of his long cherished dream.

It was in the very year of Fulton's death, 1795, Watts patented his separate condenser, and James Watt reflected his engine to the point where it may fairly be said to have become the basis of the modern machine. Charles Wright invented his power loom in 1789. In the next two years two Americans, John Fitch and Oliver Evans, ran respectively steamboat and a steam mill, and in 1801, Symington

that, according to the chronicle, he visited Symington and saw steamboat in operation, but Mr. Dickinson represents the attempts of "detractors who have declared that Fulton borrowed from Symington all his ideas, even down to the stroke and diameter of the cylinder." The difference in their plans was fundamental, he says, and he fits in the "contradiction" which he has made, and makes no contradiction to the confirmation of his contention that Fulton's achievement had "indeed its origin." Symington's engine was horizontal, with a cylinder of twenty-two inches diameter and four foot stroke, while Fulton had a vertical beam engine with the same stroke but twenty-five inches in diameter; and while Symington's cylinder was connected to a flywheel set in a recess in the stern of the craft, Fulton's was connected by going through a flywheel to drive paddle wheels at the sides of the boat. Symington's was the better arrangement, but recognition of the superiority of direct action was postponed half a century. The difference between the British and American engineers was that they used many of their inventions; Symington's "had no permanent abiding result," while Fulton's were carried to commercial usefulness.

Less known but perhaps even more romantic were Fulton's experiences the capacity of promoter, the long negotiations with the Governments of England and England, the difficulties of the inventor's hardihood in plotting by personal demonstrations qualities of his submarine craft and torpedoes. No game was too high for him to fly at; he wrote, with naivete and earnestness and considerable persuasiveness, to Washington and Baltimore, and in his correspondence with the latter city, "I have made a simple understanding of the principles of effective approach." He was earnest, enthusiastic, optimistic and confident almost to "cheek." Always while working abroad he had America at the back of his head. His activities in canal construction and his operation, excavating motive power and inclined planes, for the purpose of effecting the necessary real story, were conducted by him in circumstances in terms of English need and practices, but always with the idea of ultimate commercial application to the homeland. He saw "a short cut from New York to Philadelphia, Baltimore, which will prevent about 100 miles of sailing voyage," and a canal from Philadelphia to the Chesapeake coastal inland waterway of the de-

Mr. Roosevelt's Essays.

The collection of *History as Literature and Other Essays*, by THEODORE ROOSEVELT (Scribner's), was decidedly worth making. It includes all the literary work since his return from Africa which he thinks worth lecturing and preserving, with the exception of travel. What gives it its value, dignity and interest is the addresses which occupy the first half of it. These include "History as Literature," the address delivered before the American Historical Association by the President of the Association in 1901; "The Role of the Historian," delivered at Oxford; "The World Movement," delivered at the University of Berlin, and "Citizenship in a Republic," delivered at the Sorbonne. None of these has the characteristics of an improvisation. All are carefully planned and written.

"History as Literature" many readers will hail as a word in season and a wisdom spiken. It has particularly interested the members of the association because it was delivered. There is a tendency, perhaps made in Germany, pretty clearly imported these, among the modern teachers and the modern writers of history to maintain that history cannot be literature, and that history and literature are things to do with each other. So far as this gone that a teacher of history in an American university was expressly instructed on taking up his work that he was to pay no attention whatever giving his marks to the manner of presentation of the results of the investigations. Their "Englishness," "flavor," from spelling upward, was something to do with the case. It is impossible to imagine such instructions given in an English university. It is perhaps that is the reason why a new book on an historical subject by an Englishman is so much surer of being interesting than a "monograph of some importance" by an American.

In the former case the casual reader infers, with Sam Johnson about the work of Sir Jonas Hanway, that whether or not it was written to be printed, it was at least printed to be read. With the modern American monograph, non sequitur. It is printed to be reviewed, to be studied and notified on card catalogues, to express and exclusive attention of the monographic mandarins. Mr. Roosevelt has encountered this baleful tendency just as Mr. Bryce has encountered, and has equally been moved to assuage the late British Ambassador

THE PIONEER OF CHEAP LITERATURE

The introduction of the sloping R letters which are known to everybody in the world is due to Aldus Manutius of Venice in the latter part of the fifteenth century. He was the most famous pupil of the Greek and perhaps of the world.

The Aldine editions are much sought after by collectors. His first volume in the series was a small pamphlet published in 1501, the price of which was only 100 Venetian money. Aldus, in fact, was the pioneer of cheap literature.

His mark is a dolphin, a fish, and about an anchor with the name "A" deflected by the other part of the letter. The reader finds a cartload of old books with this mark, and is foolishly advised not to touch them for fear of the fire. They would be worth, but have a good annuity for the sale of his declining years.

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